



Technical Data

Specialty Product POLYOLEFIN INKS

(FLEXOGRAPHIC/GRAVURE)

		UNALTINO/UNAVUNE)	IT04
Product Type:	Specially modified co-solvent polyamid. (08/14)		
Printing Method:	Flexographic or Gravure		
Suggested Uses:	Specifically designed for <u>minimal</u> or <u>indirect</u> food contact applications, or where low lead and other heavy metal content is required, such as exterior printing of food packaging materials, toy labels, safety seals and similar applications.		
Substrates:	Formulated specifically for corona treated polyolefin films (polyethylene and polypropylene). Can also be used on Tyvek (DuPont, USA), polyesters (Mylar, DuPont Teijin Films USA, DE), nylon, aluminum foils, many cellophanes and most paper stocks.		
Plates and Rollers:	Natural rubber and photopolymer plates and rollers are normally acceptable.		
Additives and Diluents*:	Normally supplied at higher than "press-ready" viscosities to allow viscosity and drying rate adjustment flexibility at press-side.		
Recommended Solvents:	The following solvents and blends are intended only as a guide. Other diluents and/or ratios may be better suited for your specific application. For additional assistance contact our Technical Service Department.		
	Normal:	80% Normal Propyl Alcohol 20% Aliphatic Hydrocarbon (Hexane, Heptane, Isopa (Exxon Mobile, TX), VMP Naptha	ır E
	Fast:	50% Isopropyl Alcohol 50% Aliphatic Hydrocarbon (as above)	
	Slow:	100% Normal Propyl Alcohol or 100% Normal Butyl Alcohol	
Cautions:	Natural rubber and some photopolymers may be adversely affected by high concentrations of hydrocarbon solvents. If problem occurs, use Buna-N or nitrile-based photopolymers. Storage at low temperature (45°F or lower) may cause gelling. Gel can be reversed by allowing ink to come to room temperature and stirring with a high-shear mixer.		
Color Availability:	Available in PANTONE (PANTONE LLC, USA) base colors. Other colors available upon request.		
Shelf Life:	Minimum one year in unopened containers.		
Safety*:	All components used in our specialty product inks are sanctioned by the FDA and USDA as acceptable for indirect food contact applications. Additionally these inks comply with Consumer Product Safety Commission, Title 16 CFR, Sections 1500.17 (a) and 1500.18 with regard to lead and other heavy metals described therein. Also meets the safety specifications of US ASTM F 963 and European EN 71.		

*Note: Safety is based on ink as supplied or diluted as indicated in this bulletin. No other materials should be added unless specifically recommended by Colorcon.



For more information, contact your Colorcon representative or call 1-800-724-0624 You can also visit our website at http://www.colorcon.com/notox

©BPSI Holdings LLC, 2014 The information contained in this document is proprietary to Colorcon Inc. and may not be used or disseminated inappropriately. All trademarks, except where noted, are property of BPSI Holdings, LLC. The information contained herein, to the best of Colorcon Inc.'s knowledge, is true and accurate. Any recommendations or suggestions of Colorcon Inc. with regard to the products provided by Colorcon Inc. are made without warranty, either implied or expressed, because of the variations in methods, conditions and equipment which may be used in commercially processing the products, and no such warranties are made for the suitability of the products for any applications that you may have disclosed. Colorcon Inc. shall not be liable for loss of profit or for incidental, special or consequential loss or damages. The information contained in this document is not intended as legal advice, and should not be relied upon for that purpose. Any regulatory information provided is intended solely as initial general guidance. Each customer is responsible for determining the regulatory acceptability of the use of the product in their specific application.